

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121324\
 Data File : VX044283.D
 Acq On : 13 Dec 2024 15:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050800

Quant Time: Dec 13 23:24:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	217633	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	189581	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	87712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	81805	41.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.140%
7) Chloroethane-d5	1.648	69	62827	40.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.440%
11) 1,1-Dichloroethene-d2	2.294	65	34367	40.349	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.700%
21) 2-Butanone-d5	4.465	46	111362	91.328	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.330%
24) Chloroform-d	5.050	84	175343	46.370	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.740%
26) 1,2-Dichloroethane-d4	5.952	65	115067	43.029	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.060%
32) Benzene-d6	5.964	84	301074	45.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.920%
36) 1,2-Dichloropropane-d6	7.300	67	96855	47.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.240%
41) Toluene-d8	8.647	98	260172	42.955	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.900%
43) trans-1,3-Dichloroprop...	8.946	79	42990	43.981	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.960%
47) 2-Hexanone-d5	9.385	63	73604	92.808	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	131020	48.039	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.080%
66) 1,2-Dichlorobenzene-d4	12.317	152	91835	44.937	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	79158	44.851	ug/L	99
3) Chloromethane	1.295	50	75292	46.244	ug/L	98
5) Vinyl chloride	1.374	62	80371	45.754	ug/L	95
6) Bromomethane	1.593	94	55313	46.329	ug/L	96
8) Chloroethane	1.660	64	51417	44.214	ug/L	100
9) Trichlorofluoromethane	1.868	101	135813	41.496	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	66615	46.215	ug/L	95
12) 1,1-Dichloroethene	2.307	96	57576	44.877	ug/L #	55
13) Acetone	2.386	43	86518	79.740	ug/L	92
14) Carbon disulfide	2.502	76	96294	39.620	ug/L	99
15) Methyl Acetate	2.703	43	74348	42.256	ug/L	97
16) Methylene chloride	2.782	84	68636	46.489	ug/L	86
17) trans-1,2-Dichloroethene	3.087	96	59591	44.597	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	240816	44.664	ug/L	97
19) 1,1-Dichloroethane	3.605	63	131855	47.037	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	76768	46.996	ug/L	99
22) 2-Butanone	4.562	43	111127	84.858	ug/L	97
23) Bromochloromethane	4.898	128	36791	46.184	ug/L	95
25) Chloroform	5.087	83	148267	46.995	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	120351	45.886	ug/L	95
29) Cyclohexane	5.465	56	107630	45.757	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	123000	47.795	ug/L	96
31) Carbon tetrachloride	5.672	117	95312	47.284	ug/L	99
33) Benzene	6.032	78	278947	48.453	ug/L	100
34) Trichloroethene	7.123	95	73996	47.078	ug/L	96
35) Methylcyclohexane	7.373	83	103727	45.556	ug/L	95
37) 1,2-Dichloropropane	7.428	63	77121	49.889	ug/L	99
38) Bromodichloromethane	7.818	83	94225	46.524	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	114545	47.308	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	212910	88.963	ug/L	93
42) Toluene	8.714	91	292933	48.022	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	106687	46.487	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	75643	47.749	ug/L	98
46) Tetrachloroethene	9.269	164	48734	46.480	ug/L	97
48) 2-Hexanone	9.433	43	162783	86.387	ug/L	94
49) Dibromochloromethane	9.519	129	65661	46.892	ug/L	99
50) 1,2-Dibromoethane	9.604	107	76172	46.560	ug/L	98
51) Chlorobenzene	10.080	112	182070	46.523	ug/L	98
52) Ethylbenzene	10.189	91	322266	47.962	ug/L	100
53) m,p-Xylene	10.299	106	116625	47.921	ug/L	99
54) o-Xylene	10.640	106	119483	47.743	ug/L	100
55) Styrene	10.653	104	200575	49.140	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	116990	47.606	ug/L	97
59) Bromoform	10.799	173	38623	43.885	ug/L	95
60) Isopropylbenzene	10.957	105	311028	45.954	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	88176	43.404	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	255265	45.446	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	257875	46.780	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	129800	46.242	ug/L	98
65) 1,4-Dichlorobenzene	12.037	146	131646	46.867	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	135474	47.534	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	18819	40.759	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	81417	46.490	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	71495	45.831	ug/L	96
71) Naphthalene	13.774	128	276068	43.407	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	74811	45.143	ug/L	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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